PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY				ITY	W _S ,			
То:					PCT PCT			
						RITTEN OPINION OF THE IONAL SEARCHING AUTHORITY		
						(PCT Rule 43bis.1)		
		·. ·			Date of mailing (day/month/year)			
		ngent's file referen 475–00	ce		FOR FURTHER ACTION See paragraph 2 below			
	-	plication No.		International filing date	(day/month/year)	Priority date (day/month/year)		
PCT	/JP	2005/000	042	05.01.2005		06.01.2004		
	IAMA'	TSU PHOT						
1.		This opinion contains indications relating to the following items:						
	\boxtimes	Box No. I	Basis of the	opinion				
	\vdash	Box No. II	Priority					
	\vdash	Box No. III	Non-establi	shment of opinion with re	gard to novelty, invent	ive step and industrial applicability		
		Box No. IV		ty of invention				
		Box No. V		Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
		Box No. VI	Certain doc	ain documents cited				
		Box No. VII	Certain defe	n defects in the international application				
		Box No. VIII	Certain observations on the international application					
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority of than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of For PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.								
3.	For f	urther details, see	notes to Form	PCT/ISA/220.				
Name a	and mail	ling address of the	: ISA/JP		Authorized officer			
					Tolomber N			
Facsimile No.				Telephone No.				

International application No.
PCT/JP2005/000042

Box	No. I	Basis of this opinion	
1.	With	h regard to the language, this opinion h.d., unless otherwise indicated under this i	as been established on the basis of the international application in the language in which it was tem.
		This opinion has been established on t	he basis of a translation from the original language into the following language
	-		which is the language of a translation furnished for the purposes of international search (under
		Rule 12.3 and 23.1(b)).	
2.		h regard to any nucleotide and/or an ention, this opinion has been established	nino acid sequence disclosed in the international application and necessary to the claimed on the basis of:
	a.	type of material	
		a sequence listing	
		table(s) related to the sequence I	isting
	b.	format of material	
		in written format	
		in computer readable form	
	c.	time of filing/furnishing	
		contained in the international ap	plication as filed.
		filed together with the internation	onal application in computer readable form.
		furnished subsequently to this A	authority for the purposes of search.
3.		furnished, the required statements tha	an one version or copy of a sequence listing and/or table(s) relating thereto has been filed or tender the information in the subsequent or additional copies is identical to that in the application as ation as filed, as appropriate, were furnished.
4.	Λdd	ditional comments:	
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		•	
			•

International application No.
PCT/JP2005/000042

Box		oned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; ons and explanations supporting such statement		
1.	Statement			
	Novelty (N)	Claims	1-8	YES
		Claims		NO
	Inventive step (IS)	Claims	1-8	YES
		Claims		NO NO
	Industrial applicability	(IA) Claims	1-8	YES
		Claims		NO
			· · · · · · · · · · · · · · · · · · ·	

2. Citations and explanations:

Document 1, JP 2003-005616 A (Hamamatsu Photonics Kabushiki Kaisha), 8 January 2003, Full text; all drawings (Family: none), describes apparatus in which an illumination light irradiates a spatial optical modulating element presented by a computer hologram, and the reproduced image is viewed via a lens and a mask.

Document 2, JP 09-258643 A (Hamamatsu Photonics Kabushiki Kaisha), 3 October 1997, Full text; all drawings

& EP 798613 A2 & US 6038042 A,

describe apparatus in which a reproduced hologram is viewed via a lens and a light-shielding board.

Document 3, JP 2000-250387 A (Nippon Hoso Kyokai), 14 September 2000, Full text; all drawings (Family: none),

describes art that uses the light rays that participate in the image formation of a reproduced high-level image of a true image when reproducing a hologram image in three-dimensional display apparatus that irradiates reproduction light on the interference fringe display surface and uses a lens to reproduce the hologram image.

However, three-dimensional image display apparatus in which either the luminescent spot distance between the luminance spots constituting a target reproduced image to be displayed or the initial phase value of each luminance spot is set in such a way that peaks of reproducing light reaching within the region where the reproduced image can be observed are present in multiple positions in the back focal plane of the reproduction image conversion optical system is neither described in any of the above documents nor obvious on the basis of their descriptions.

PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION FP04-0475-00 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/JP2005/000042 05.01.2005 06.01.2004 International Patent Classification (IPC) or both national classification and IPC Applicant HAMAMATSU PHOTONICS K.K. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/JP

Telephone No.

Facsimile No.

International application No.
PCT/JP2005/000042

Box	No. I	Basis of this opinion
1.		regard to the language, this opinion has been established on the basis of the international application in the language in which it was, unless otherwise indicated under this item.
•		This opinion has been established on the basis of a translation from the original language into the following language
	-	, which is the language of a translation furnished for the purposes of international search (under
		Rule 12.3 and 23.1(b)).
2.		regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed nation, this opinion has been established on the basis of:
	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		in computer readable form
	c.	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Add	itional comments:

International application No. PCT/JP2005/000042

Box No. V		Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Novelty	(N)	Claims	1-8	YES	
			Claims		NO NO	
	Inventive	e step (IS)	Claims	1-8	YES	
			Claims		NO NO	
	Industria	al applicability (IA)	Claims	1-8	YES	
			Claims		NO NO	

2. Citations and explanations:

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